

**United States Patent** [19]

Anderson et al.

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[54] **MODULAR DIGITAL IMAGE PROCESSING VIA AN IMAGE PROCESSING CHAIN WITH MODIFIABLE PARAMETER CONTROLS**

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[\*] **Notice:** This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

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[51] **Int. Cl.<sup>6</sup>** ..... G06K 9/54; G05B 15/00; G06F 15/00

[52] **U.S. Cl.** ..... 382/302; 382/303; 382/104; 364/131; 364/133; 395/800.01; 395/800.32

[58] **Field of Search** ..... 382/256, 302, 382/303, 304; 358/532; 364/131, 133; 395/800.01, 800.32

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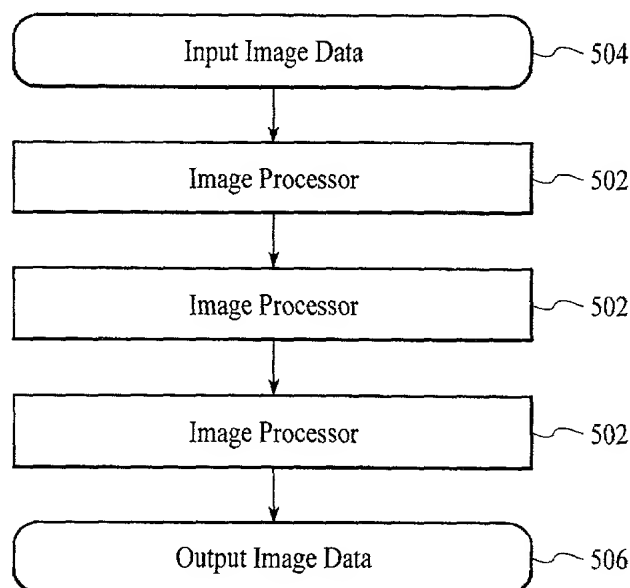
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[57] **ABSTRACT**

Aspects for allowing variably controlled alteration of image processing of digital image data in a digital image capture device include forming an image processing chain with two or more image processors to process digital image data, and providing one or more parametric controls within each of the two or more image processors. The aspects further include accessing chosen controls of the one or more parametric controls to modify the two or more image processors for alteration of the image processing.

**23 Claims, 8 Drawing Sheets**



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